Homework 1 Network threats

Unit 4 Network security and systems software

PG ONLINE

Name: ..... **Class:**..... **Mark:**.....

1. Computer software that harms computers, networks or data is known as malware.

   Describe **two** different types of malware that exist. [6]

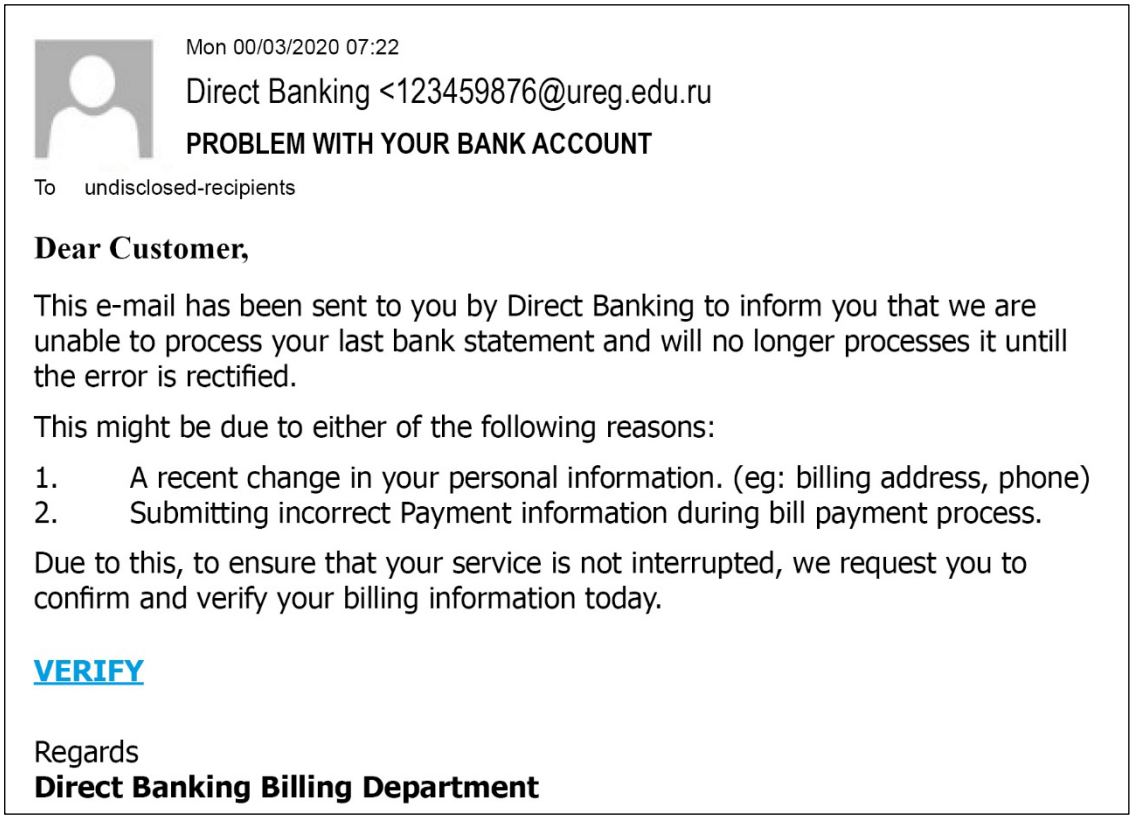
Malware example 1

Malware example 2

Malware example 3

2. Study the email on the following page

State **three** reasons which indicate that it is a phishing scam. [3]



Mon 00/03/2020 07:22

Direct Banking <123459876@ureg.edu.ru

PROBLEM WITH YOUR BANK ACCOUNT

To undisclosed-recipients

Dear Customer,

This e-mail has been sent to you by Direct Banking to inform you that we are unable to process your last bank statement and will no longer processes it untill the error is rectified.

This might be due to either of the following reasons:

1. A recent change in your personal information. (eg: billing address, phone)
2. Submitting incorrect Payment information during bill payment process.

Due to this, to ensure that your service is not interrupted, we request you to confirm and verify your billing information today.

VERIFY

Regards
Direct Banking Billing Department

3. (a) Describe what is meant by a **denial of service attack**. [2]

(b) Indicate in the right-hand column whether each of the following statements about a denial of service attack is true or false. [4]

	True or False
It aims to block an individual's email account	
The aim of the attack is spread misinformation about an organisation	
The motive is often blackmail or revenge	
It may cause the victim's network to crash	

[Total 15 marks]